

INTRODUCTION

The purpose of this publication is to provide transportation analysts, planners and other researchers a ready reference for Annual Vehicle Miles of Travel (AVMT) used for a multitude of applications. AVMT is calculated by multiplying the Annual Average Daily Traffic (AADT) by the roadway segment length, and then multiplying this figure by 365 to produce “segment” AVMT. Segment AVMT for a route or other category is then summed to calculate a category total. The table of contents will provide the user an easy reference for the data summaries most commonly used, including County and Functional Classification totals.

The AVMT data has been developed by the Nevada Department of Transportation, Roadway Systems Division in cooperation with the U.S. Department of Transportation, Federal Highway Administration. It is based on the Highway Performance Monitoring System (HPMS) sample plan and is considered representative of all roadway functional classifications regardless of ownership. Traffic volume data was developed in accordance with Nevada’s Traffic Monitoring System.

Historically, some of the more important applications of AVMT data have been its use in the formula utilized to distribute gasoline taxes to local governments and as the foundation of every cost allocation study developed at the Nevada Department of Transportation for the past 20 years. These studies provide the Nevada Legislature critical information when determining appropriate taxes and user fees relevant to highway transportation. Other important uses include, but are not limited to, the calculation of collision rates in conjunction with collision data, truck travel calculations, economic growth indicators, and as a check against tax reporting on diesel fuel consumption.

Questions regarding the development of this report should be addressed to Steve Jackson, NDOT Roadways Systems Division at (775) 888-7036. Questions regarding Nevada’s Traffic Monitoring System should be addressed to Randy Travis, NDOT Traffic Information Division at (775) 888-7158.

****Please be advised that due to the current audit of NDOT’s Functional Class System, there may be slight fluctuations in local and arterial miles.**

*****Due to tough economic times, the AVMT has dropped an average of 4% in the past year (2008 HPMS Data).**